

REPLACEMENT SHEET

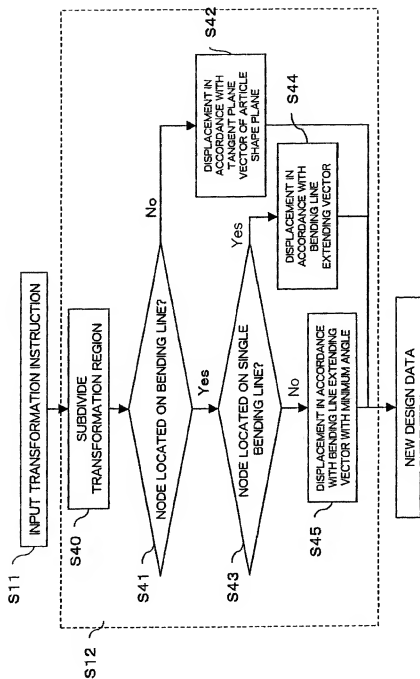


Fig. 9

Additional Fig. 10-1

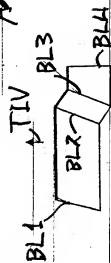


Fig. 10A

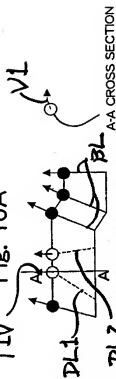


Fig. 10B

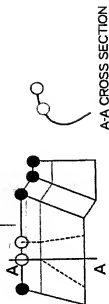
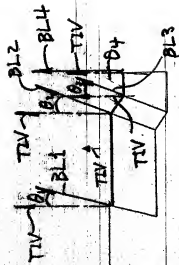


Fig. 10C

Additional Fig. 10-2



θ : predetermined
along the angle

$$\theta_1 < \theta$$

$$\theta_2 < \theta$$

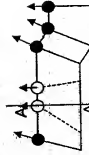
$$\theta_3 < \theta$$

$$\theta_4 < \theta$$

In this case,

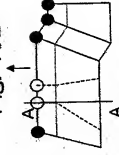
All of the black nodes
are displaced in the
extending direction
of the bending line BL.

Fig. 10A



A-A CROSS SECTION

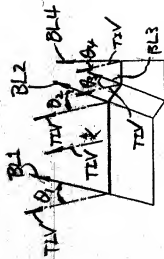
Fig. 10B



A-A CROSS SECTION

Fig. 10C

Addition Fig 10-3

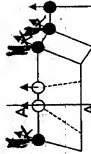


$$\begin{aligned} \theta_1 &> \varphi \\ \theta_2 &> \varphi \\ \theta_3 &> \varphi \\ \theta_4 &< \varphi \end{aligned}$$

In this case

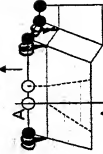
these 3 block nodes are displaced in accordance with the transformation vector TIV.

Fig. 10A



A-A CROSS SECTION

Fig. 10B



A-A CROSS SECTION

Fig. 10C